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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/692,932	10/27/2003	Ching-Tien Lin	5349	2129

26936 7590 07/01/2005

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EXAMINER

ESTREMSKY, GARY WAYNE

ART UNIT PAPER NUMBER

3676

DATE MAILED: 07/01/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/692,932

Applicant(s)

LIN, CHING-TIEN

Examiner

Gary Estremsky

Art Unit

3676

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3, 5-9, 12, 13, 16, 18 and 19 is/are rejected.
- 7) ☒ Claim(s) 4, 10, 11, 14, 15 and 17 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10/27/03 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

## DETAILED ACTION

### *Drawings*

1. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the "lock casing mounted on a fire-blocking door" of claim 1 must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

***Claim Objections***

2. Claim 1 is objected to because of the following informalities: line 15 – “to block by” should be replaced with –to be blocked by—to improve grammar. Appropriate correction is required.

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-3, 5-7, 16, 18, and 19 are rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Pat. No. 6,205,825 to Haeck.

Haeck '825 teaches Applicant's claim limitations including : a “latching member mounted in a lock casing” – as shown on the face of the Patent, an “actuation mechanism” – as shown in Fig 2 for example, “comprising a latch body” – including 146, 116, a “stop portion” – 146, a “stop piece” - 142, a “fire-blocking piece” – 144a, a “safety latching mechanism” – 128, a “guide rod” – 144b, an “actuating piece” – 128.

As regards claim 2, “pin” limitation is anticipated by pin 150 of the prior art which allows for 146 to pivot relative 142.

As regards claim 3, either of plate surface of part 124 or the bottom plate illustrated in Fig 3 anticipate the “plate member” limitation since the structure claimed as

the invention doesn't otherwise have a preferred orientation that can be relied upon to patentably distinguish from the prior art.

As regards claim 6, 116 has "recess portion" at 116b.

3. Claims 1, 3, 5-9, 12, 13, and 16-19 are rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Pat. No. 5,890,752 to Lin.

Lin '752 teaches Applicant's claim limitations including : a "latching member mounted in a lock casing" – as shown Fig 10, an "actuation mechanism" – as shown in Fig 3 for example, "comprising a latch body" – 3, a "stop portion" – 32, a "stop piece" - 44, a "fire-blocking piece" – 51, a "safety latching mechanism" – including 6, a "guide rod" – 50, an "actuating piece" – 4.

As regards claim 2, "pin" limitation is anticipated by pin 150 of the prior art which allows for 146 to pivot relative 142.

As regards claim 3, either of plate surface of part 124 or the bottom plate illustrated in Fig 3 anticipate the "plate member" limitation since the structure claimed as the invention doesn't otherwise have a preferred orientation that can be relied upon to patentably distinguish from the prior art.

As regards claim 6, 116 has "recess portion" at 116b.

As regards claim 12, the pivot-mounting boss of 6 reads on "boss" limitation in light of present disclosure of same.

As regards claim 17, part 51 appears to be a disc-shaped plate member.

***Allowable Subject Matter***

4. Claims 4, 10, 11, 14-15, and 17 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

***Conclusion***

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U.S. Pat. No. 4,598,939 to Krupicka.

U.S. Pat. No. 4,709,950 to Zortman.

U.S. Pat. No. 4,747,629 to Miller.

U.S. Pat. No. 4,824,150 to Smith.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gary Estremsky whose telephone number is 571 272-7055. The examiner can normally be reached on M-Thur 7:30-6.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Brian Glessner can be reached on 571 272-6843. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Gary Estremsky  
Primary Examiner  
Art Unit 3676